



SEQUENCE LISTING

<110> Hangauer Jr., David G.
Marsilje, Thomas H.
Milkiewicz, Karen L.

<120> A NOVEL METHOD FOR DESIGNING PROTEIN KINASE INHIBITORS

<130> 19226/931

<140> 09/482,585

<141> 2000-01-13

<150> 60/115,643

<151> 1999-01-13

<160> 6

<170> PatentIn Ver. 2.1

<210> 1

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: src substrate
pentapeptide

<400> 1

Ile Tyr Gly Glu Phe

1

5

<210> 2

<211> 5

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<213> Artificial Sequence

<220>

<221> PEPTIDE

<222> (2)

<223> Xaa in position 2 is modified Tyr.

<220>

<223> Description of Artificial Sequence: src
pentapeptide scaffold

<400> 2
Ile Xaa Gly Glu Phe
1 5

<210> 3
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<221> PEPTIDE
<222> (4)
<223> Xaa in position 4 is modified Ala.

*Sub
cont*
<220>
<223> Description of Artificial Sequence: PKA
pentapeptide scaffold
<400> 3
Arg Arg Gly Xaa Ile
1 5

<210> 4
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<221> PEPTIDE
<222> (4)
<223> Xaa in position 4 is Ala or modified Ala.

<220>
<223> Description of Artificial Sequence: Boronic
acid-containing PKA inhibitor

<400> 4
Arg Arg Gly Xaa Ile
1 5

<210> 5
<211> 7
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Kemptamide

<400> 5

Leu Arg Arg Ala Ser Leu Gly

1

5

<210> 6

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> (5)

<223> Xaa in position 5 is ALA; PHOSPHORYLATION

<220>

<223> Description of Artificial Sequence: Phosphorylated
Kemptamide,

<400> 6

Leu Arg Arg Ala Xaa Leu Gly

1

5